GenCore version 4.5

OM nucleic - nucleic search, using sw model

Run on: March 9, 2002, 00:48:36 ; Search time 2351.15 Seconds
(without alignments)
203.483 Million cell updates/sec

Title: US-09-851-670-5
Perfect score: 29
Sequence: 1 tttggctttggtcgttcgttctgttttca 29

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1472140 seqs, 8248589755 residues

Total number of hits satisfying chosen parameters: 586436

Minimum DB seq length: 0
Maximum DB seq length: 60

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : GenEmbl:*
1: gb_ba:*
2: gb_htg:*
3: gb_in:*
4: gb_om:*
5: gb_ov:*
6: gb_pat:*
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9: gb_pr:*
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12: gb_sy:*
13: gb_un:*
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18: em_in:*
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25: em_ro:*
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27: em_sy:*
28: em_un:*
29: em_vi:*
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31: em_htgo_inv:*
32: em_htgo_rod:*
33: em_htg_hum:*
34: em_htg_inv:*
35: em_htg_rod:*
36: em_htg_other:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.		Score	Query Match	Length	DB	ID	Description
c	1	17	58.6	54	6	I38072	I38072 Sequence 10
c	2	17	58.6	54	6	I94922	I94922 Sequence 10
c	3	16.4	56.6	52	9	HSK104FL2	AF165254 Homo sapi
c	4	16.2	55.9	54	6	AR042257	AR042257 Sequence
	5	16	55.2	18	6	AR130036	AR130036 Sequence
c	6	15.8	54.5	39	6	AX024955	AX024955 Sequence
c	7	15.4	53.1	54	6	I38019	I38019 Sequence 10
c	8	15.4	53.1	54	6	I94869	I94869 Sequence 10
	9	14.8	51.0	18	6	AR130035	AR130035 Sequence
	10	14.8	51.0	56	6	AX103641	AX103641 Sequence
c	11	14.8	51.0	59	3	AF177247	AF177247 Bodo clon
	12	14.6	50.3	29	6	AR106051	AR106051 Sequence
c	13	14.6	50.3	54	6	AR047487	AR047487 Sequence
c	14	14.6	50.3	54	6	I38081	I38081 Sequence 10
c	15	14.6	50.3	54	6	I54539	I54539 Sequence 22
c	16	14.6	50.3	54	6	I94931	I94931 Sequence 10
c	17	14.4	49.7	26	6	I32528	I32528 Sequence 48
c	18	14.4	49.7	26	6	I43473	I43473 Sequence 48
c	19	14.4	49.7	26	22	E08992	E08992 PCR primer.
	20	14.4	49.7	28	6	I49813	I49813 Sequence 37
	21	14.4	49.7	30	6	AR001145	AR001145 Sequence
	22	14.4	49.7	30	6	AR003023	AR003023 Sequence
	23	14.4	49.7	30	6	AR032997	AR032997 Sequence
	24	14.4	49.7	30	6	I29737	I29737 Sequence 60
	25	14.4	49.7	30	6	I76867	I76867 Sequence 9
	26	14.4	49.7	30	6	I87819	I87819 Sequence 9
	27	14.4	49.7	30	6	I91411	I91411 Sequence 60
c	28	14.4	49.7	54	6	AR134278	AR134278 Sequence
	29	14.2	49.0	35	6	A63574	A63574 Sequence 15
c	30	14.2	49.0	38	6	AR118105	AR118105 Sequence
c	31	14.2	49.0	40	6	AR059135	AR059135 Sequence
	32	14.2	49.0	48	10	AB001944	AB001944 Mus muscu
c	33	14.2	49.0	50	6	AX158618	AX158618 Sequence
	34	14.2	49.0	51	6	AX115477	AX115477 Sequence
c	35	14.2	49.0	51	6	AX158617	AX158617 Sequence
	36	14.2	49.0	51	6	AX159759	AX159759 Sequence
	37	14	48.3	23	6	AX164332	AX164332 Sequence
c	38	14	48.3	29	6	AX181697	AX181697 Sequence
	39	14	48.3	50	6	AX164948	AX164948 Sequence
	40	13.8	47.6	25	6	AX003409	AX003409 Sequence
	41	13.8	47.6	26	6	AX037958	AX037958 Sequence
c	42	13.8	47.6	26	6	AX037959	AX037959 Sequence
	43	13.8	47.6	48	6	A76301	A76301 Sequence 7
	44	13.8	47.6	48	6	A76303	A76303 Sequence 9
c	45	13.8	47.6	51	6	AX115989	AX115989 Sequence

ALIGNMENTS

RESULT 1
I38072/c
LOCUS I38072 54 bp DNA PAT 13-MAY-1997
DEFINITION Sequence 1085 from patent US 5612215.
ACCESSION I38072
VERSION I38072.1 GI:2086062
KEYWORDS .
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 54)
AUTHORS Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and Stinchcomb,D.T.
TITLE Stromelysin targeted ribozymes
JOURNAL Patent: US 5612215-A 1085 18-MAR-1997;
FEATURES Location/Qualifiers
source 1. .54
/organism="unknown"
BASE COUNT 20 a 12 c 13 g 9 t
ORIGIN

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  Query Match             58.6%;  Score 17;  DB 6;  Length 54;
  Best Local Similarity   80.0%;  Pred. No. 2.6e+03;
  Matches   20;  Conservative    0;  Mismatches    5;  Indels    0;  Gaps    0;

Qy      1 tttggctttggtcgttcgttctgtt 25
          | |  || ||||||||| |||||||
Db     30 TGTTTCTCTGGTCGTTCCTTCTGTT 6


RESULT   2
I94922/c
LOCUS       I94922         54 bp    DNA             PAT       01-DEC-1998
DEFINITION  Sequence 1085 from patent US 5731295.
ACCESSION   I94922
VERSION     I94922.1  GI:3939392
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 54)
  AUTHORS   Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and
            Stinchcomb,D.T.
  TITLE     Method of reducing stromelysin RNA via ribozymes
  JOURNAL   Patent: US 5731295-A 1085 24-MAR-1998;
FEATURES             Location/Qualifiers
     source          1. .54
                     /organism="unknown"
BASE COUNT       20 a     12 c     13 g      9 t
ORIGIN


  Query Match             58.6%;  Score 17;  DB 6;  Length 54;
  Best Local Similarity   80.0%;  Pred. No. 2.6e+03;
  Matches   20;  Conservative    0;  Mismatches    5;  Indels    0;  Gaps    0;

Qy      1 tttggctttggtcgttcgttctgtt 25
          | |  || ||||||||| |||||||
Db     30 TGTTTCTCTGGTCGTTCCTTCTGTT 6


RESULT   3
HSK104FL2/c
LOCUS       HSK104FL2      52 bp    DNA             PRI       16-OCT-1999
DEFINITION  Homo sapiens partial 3' sequence flanking HERV-K104.
ACCESSION   AF165254
VERSION     AF165254.1  GI:6049331
KEYWORDS    .
SEGMENT     2 of 2
SOURCE      human.
  ORGANISM  Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1  (bases 1 to 52)
  AUTHORS   Barbulescu,M., Turner,G., Seaman,M.I., Deinard,A.S., Kidd,K.K. and
            Lenz,J.
  TITLE     Many human endogenous retrovirus K (HERV-K) proviruses are unique
            to humans
  JOURNAL   Curr. Biol. 9 (16), 861-868 (1999)
   PUBMED   10469592
REFERENCE   2  (bases 1 to 52)
  AUTHORS   Barbulescu,M., Turner,G., Seaman,M.I., Deinard,A.S., Kidd,K.K. and
            Lenz,J.
  TITLE     Direct Submission
  JOURNAL   Submitted (06-JUL-1999) Molecular Genetics, Albert Einstein College
            of Medicine, 1300 Morris Park Avenue, Bronx, NY 10461, USA
FEATURES             Location/Qualifiers
     source          1. .52
                     /organism="Homo sapiens"
                     /db_xref="taxon:9606"
     repeat_region   <1. .5
                     /rpt_family="HERV-K104"
     misc_feature    6. .>52
                     /note="3' sequence flanking HERV-K104"
BASE COUNT       25 a     12 c      6 g      9 t
ORIGIN


  Query Match             56.6%;  Score 16.4;  DB 9;  Length 52;
  Best Local Similarity   76.9%;  Pred. No. 4.8e+03;
  Matches   20;  Conservative    0;  Mismatches    6;  Indels    0;  Gaps    0;

Qy      1 tttggctttggtcgttcgttctgttt 26
          | ||| ||| ||| || ||||||| |
Db     28 TGTGGTTTTTGTCATTGGTTCTGTGT 3


RESULT   4
AR042257/c
LOCUS       AR042257       54 bp    DNA             PAT       29-SEP-1999
DEFINITION  Sequence 1047 from patent US 5811300.
ACCESSION   AR042257
VERSION     AR042257.1  GI:5962753
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 54)
  AUTHORS   Sullivan,S., Draper,K., Kisich,K., Stinchcomb,D.T. and McSwiggen,J.
  TITLE     TNF-.alpha. ribozymes
  JOURNAL   Patent: US 5811300-A 1047 22-SEP-1998;
FEATURES             Location/Qualifiers
     source          1. .54
                     /organism="unknown"
BASE COUNT       20 a     10 c     15 g      9 t
ORIGIN


  Query Match             55.9%;  Score 16.2;  DB 6;  Length 54;
  Best Local Similarity   72.4%;  Pred. No. 5.9e+03;
  Matches   21;  Conservative    0;  Mismatches    8;  Indels    0;  Gaps    0;

Qy      1 tttggctttggtcgttcgttctgttttca 29
          | |  || |||||  || |||||||| ||
Db     30 TGTTTCTCTGGTCTCTCCTTCTGTTTCCA 2


RESULT   5
AR130036
LOCUS       AR130036       18 bp    DNA             PAT       16-MAY-2001
DEFINITION  Sequence 28 from patent US 6187586.
ACCESSION   AR130036
VERSION     AR130036.1  GI:14117933
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 18)
  AUTHORS   Monia,B.P., Cowsert,L.M. and Roth,R.A.
  TITLE     Antisense modulation of AKT-3 expression
  JOURNAL   Patent: US 6187586-A 28 13-FEB-2001;
FEATURES             Location/Qualifiers
     source          1. .18
                     /organism="unknown"
BASE COUNT        0 a      3 c      6 g      9 t
ORIGIN


  Query Match             55.2%;  Score 16;  DB 6;  Length 18;
  Best Local Similarity   100.0%;  Pred. No. 6.6e+03;
  Matches   16;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      2 ttggctttggtcgttc 17
          ||||||||||||||||
Db      1 TTGGCTTTGGTCGTTC 16
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RESULT   6
AX024955/c
LOCUS       AX024955        39 bp    DNA             PAT       15-SEP-2000
DEFINITION  Sequence 13 from Patent EP1002867.
ACCESSION   AX024955
VERSION     AX024955.1  GI:10184895
KEYWORDS    .
SOURCE      synthetic construct.
  ORGANISM  synthetic construct
            artificial sequence.
REFERENCE   1  (bases 1 to 39)
  AUTHORS   Thevelein,J.M., van Dijck,P., van Vaeck,C., Iturriaga,G. and
            Mascarro-Gallardo,J.O.
  TITLE     Specific genetic modification of the activity of trehalose-6-phosp
            synthase and expression in a homologous or heterologous environment
  JOURNAL   Patent: EP 1002867-A 13 24-MAY-2000;
            LEUVEN K U RES & DEV (BE) ; INST DE BIOTECNOLOGIA UNAM (MX)
FEATURES             Location/Qualifiers
     source          1. .39
                     /organism="synthetic construct"
                     /db_xref="taxon:32630"
                     /note="primer CVV5"
BASE COUNT       15 a      5 c     11 g      8 t
ORIGIN


  Query Match             54.5%;  Score 15.8;  DB 6;  Length 39;
  Best Local Similarity   89.5%;  Pred. No. 8.6e+03;
  Matches   17;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy     11 gtcgttcgttctgttttca 29
          | |||| ||||||||||||
Db     32 GGCGTTTGTTCTGTTTTCA 14


RESULT   7
I38019/c
LOCUS       I38019          54 bp    DNA             PAT       13-MAY-1997
DEFINITION  Sequence 1032 from patent US 5612215.
ACCESSION   I38019
VERSION     I38019.1  GI:2086009
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 54)
  AUTHORS   Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and
            Stinchcomb,D.T.
  TITLE     Stromelysin targeted ribozymes
  JOURNAL   Patent: US 5612215-A 1032 18-MAR-1997;
FEATURES             Location/Qualifiers
     source          1. .54
                     /organism="unknown"
BASE COUNT       20 a      12 c     12 g      10 t
ORIGIN


  Query Match             53.1%;  Score 15.4;  DB 6;  Length 54;
  Best Local Similarity   76.0%;  Pred. No. 1.3e+04;
  Matches   19;  Conservative    0;  Mismatches    6;  Indels    0;  Gaps    0;

Qy      1 tttggctttggtcgttcgttctgtt 25
          | |  || |||| |||| |||||||
Db     30 TGTTTCTCTGGTAGTTCCTTCTGTT 6


RESULT   8
I94869/c
LOCUS       I94869          54 bp    DNA             PAT       01-DEC-1998
DEFINITION  Sequence 1032 from patent US 5731295.
ACCESSION   I94869
VERSION     I94869.1  GI:3939339
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 54)
  AUTHORS   Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and
            Stinchcomb,D.T.
  TITLE     Method of reducing stromelysin RNA via ribozymes
  JOURNAL   Patent: US 5731295-A 1032 24-MAR-1998;
FEATURES             Location/Qualifiers
     source          1. .54
                     /organism="unknown"
BASE COUNT       20 a      12 c     12 g      10 t
ORIGIN


  Query Match             53.1%;  Score 15.4;  DB 6;  Length 54;
  Best Local Similarity   76.0%;  Pred. No. 1.3e+04;
  Matches   19;  Conservative    0;  Mismatches    6;  Indels    0;  Gaps    0;

Qy      1 tttggctttggtcgttcgttctgtt 25
          | |  || |||| |||| |||||||
Db     30 TGTTTCTCTGGTAGTTCCTTCTGTT 6


RESULT   9
AR130035
LOCUS       AR130035        18 bp    DNA             PAT       16-MAY-2001
DEFINITION  Sequence 27 from patent US 6187586.
ACCESSION   AR130035
VERSION     AR130035.1  GI:14117932
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 18)
  AUTHORS   Monia,B.P., Cowsert,L.M. and Roth,R.A.
  TITLE     Antisense modulation of AKT-3 expression
  JOURNAL   Patent: US 6187586-A 27 13-FEB-2001;
FEATURES             Location/Qualifiers
     source          1. .18
                     /organism="unknown"
BASE COUNT        1 a       3 c       4 g      10 t
ORIGIN


  Query Match             51.0%;  Score 14.8;  DB 6;  Length 18;
  Best Local Similarity   88.9%;  Pred. No. 2.3e+04;
  Matches   16;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy     12 tcgttcgttctgttttca 29
          | | ||||||||||||||||
Db      1 TTGGTCGTTCTGTTTTCA 18


RESULT  10
AX103641
LOCUS       AX103641        56 bp    DNA             PAT       30-APR-2001
DEFINITION  Sequence 5 from Patent WO0121662.
ACCESSION   AX103641
VERSION     AX103641.1  GI:13919864
KEYWORDS    .
SOURCE      synthetic construct.
  ORGANISM  synthetic construct
            artificial sequence.
REFERENCE   1  (bases 1 to 56)
  AUTHORS   Habermann,P. and Bender,R.
  TITLE     Signal sequences for the production of leu-hirudine via secretion
            by E. coli in a culture medium
  JOURNAL   Patent: WO 0121662-A 5 29-MAR-2001;
            Aventis Pharma Deutschland GmbH (DE)
FEATURES             Location/Qualifiers
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     source          1. .56
                     /organism="synthetic construct"
                     /db_xref="taxon:32630"
                     /note="misc feature"
BASE COUNT       11 a     12 c     11 g     22 t
ORIGIN


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  Best Local Similarity  73.1%;  Pred. No. 2.5e+04;
  Matches   19;  Conservative    0;  Mismatches    7;  Indels    0;  Gaps    0;

Qy      2 ttggctttggtcgttcgttctgtttt 27
          ||||  |||| | || ||||| || |
Db     25 TTGGGCTTGGCCATTGGTTCTCTTAT 50


RESULT  11
AF177247/c
LOCUS       AF177247       59 bp    RNA             INV       21-FEB-2000
DEFINITION  Bodo clone pBG564 mitochondrial putative gRNA.
ACCESSION   AF177247
VERSION     AF177247.1  GI:7012649
KEYWORDS    .
SOURCE      Bodo saltans.
  ORGANISM  Mitochondrion Bodo saltans
            Eukaryota; Euglenozoa; Kinetoplastida; Bodonidae; Bodo.
REFERENCE   1  (bases 1 to 59)
  AUTHORS   Blom,D., de Haan,A., van den Burg,J., van den Berg,M., Sloof,P.,
            Jirku,M., Lukes,J. and Benne,R.
  TITLE     Mitochondrial minicircles in the free-living bodonid Bodo saltans
            contain two gRNA gene cassettes and are not found in large networks
  JOURNAL   RNA 6 (1), 121-135 (2000)
  MEDLINE   20132239
   PUBMED   10668805
REFERENCE   2  (bases 1 to 59)
  AUTHORS   Blom,D., De Haan,A., Sloof,P., Jirku,M., Lukes,J. and Benne,R.
  TITLE     Direct Submission
  JOURNAL   Submitted (12-AUG-1999) Department of Biochemistry, Academic
            Medical Center, Meibergdreef 15, Amsterdam 1105 AZ, The Netherlands
FEATURES             Location/Qualifiers
     source          1. .59
                     /organism="Bodo saltans"
                     /organelle="mitochondrion"
                     /db_xref="taxon:75058"
                     /chromosome="minicircle"
                     /clone="pBG564"
     misc_RNA        1. .59
                     /note="gRNA"
                     /evidence=not_experimental
BASE COUNT       24 a     12 c      5 g     18 t
ORIGIN


  Query Match            51.0%;  Score 14.8;  DB 3;  Length 59;
  Best Local Similarity  73.1%;  Pred. No. 2.5e+04;
  Matches   19;  Conservative    0;  Mismatches    7;  Indels    0;  Gaps    0;

Qy      2 ttggctttggtcgttcgttctgtttt 27
          ||| ||||  || || ||| ||| ||
Db     34 TTGTCTTTCTTCTTTGGTTTTGTGTT 9


RESULT  12
AR106051
LOCUS       AR106051       29 bp    DNA             PAT       14-FEB-2001
DEFINITION  Sequence 6 from patent US 6103496.
ACCESSION   AR106051
VERSION     AR106051.1  GI:12820116
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 29)
  AUTHORS   Brash,A.R., Boeglin,W.E. and Kim,R.B.
  TITLE     Isolated and purified 12R-lipoxygenase protein and nucleic acids
  JOURNAL   Patent: US 6103496-A 6 15-AUG-2000;
FEATURES             Location/Qualifiers
     source          1. .29
                     /organism="unknown"
BASE COUNT        2 a      1 c      6 g     20 t
ORIGIN


  Query Match            50.3%;  Score 14.6;  DB 6;  Length 29;
  Best Local Similarity  81.0%;  Pred. No. 2.9e+04;
  Matches   17;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

Qy      7 tttggtcgttcgttctgtttt 27
          |||| | ||| ||| ||||||
Db      3 TTTGCTTGTTTGTTTTGTTTT 23


RESULT  13
AR047487/c
LOCUS       AR047487       54 bp    DNA             PAT       29-SEP-1999
DEFINITION  Sequence 2280 from patent US 5817796.
ACCESSION   AR047487
VERSION     AR047487.1  GI:5968952
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 54)
  AUTHORS   Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
  TITLE     C-myb ribozymes having 2'-5'-linked adenylate residues
  JOURNAL   Patent: US 5817796-A 2280 06-OCT-1998;
FEATURES             Location/Qualifiers
     source          1. .54
                     /organism="unknown"
BASE COUNT       25 a      8 c     11 g     10 t
ORIGIN


  Query Match            50.3%;  Score 14.6;  DB 6;  Length 54;
  Best Local Similarity  69.0%;  Pred. No. 3.1e+04;
  Matches   20;  Conservative    0;  Mismatches    9;  Indels    0;  Gaps    0;

Qy      1 tttggctttggtcgttcgttctgttttca 29
          | |  || ||||  ||| |||| |||| |
Db     30 TGTTTCTCTGGTTATTCCTTCTTTTTTA 2


RESULT  14
I38081/c
LOCUS       I38081         54 bp    DNA             PAT       13-MAY-1997
DEFINITION  Sequence 1094 from patent US 5612215.
ACCESSION   I38081
VERSION     I38081.1  GI:2086071
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 54)
  AUTHORS   Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and
            Stinchcomb,D.T.
  TITLE     Stromelysin targeted ribozymes
  JOURNAL   Patent: US 5612215-A 1094 18-MAR-1997;
FEATURES             Location/Qualifiers
     source          1. .54
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BASE COUNT       21 a     10 c     13 g     10 t
ORIGIN


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  Best Local Similarity   69.0%;  Pred. No. 3.1e+04;
  Matches   20;  Conservative    0;  Mismatches    9;  Indels    0;  Gaps    0;

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          | |  || |||||| |  |||| || |||
Db     30 TGTTTCTCTGGTCGGTTCTTCTTTTCTCA 2


RESULT  15
I54539/c
LOCUS       I54539         54 bp    DNA             PAT       07-OCT-1997
DEFINITION  Sequence 2280 from patent US 5646042.
ACCESSION   I54539
VERSION     I54539.1  GI:2475742
KEYWORDS    .
SOURCE      Unknown.
  ORGANISM  Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 54)
  AUTHORS   Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
  TITLE     C-myb targeted ribozymes
  JOURNAL   Patent: US 5646042-A 2280 08-JUL-1997;
FEATURES             Location/Qualifiers
     source          1. .54
                     /organism="unknown"
BASE COUNT       25 a      8 c     11 g     10 t
ORIGIN


  Query Match             50.3%;  Score 14.6;  DB 6;  Length 54;
  Best Local Similarity   69.0%;  Pred. No. 3.1e+04;
  Matches   20;  Conservative    0;  Mismatches    9;  Indels    0;  Gaps    0;

Qy      1 tttggctttggtcgttcgttctgttttca 29
          | |  || ||||  ||| |||| |||| |
Db     30 TGTTTCTCTGGTTATTCCTTCTTTTTTA 2


Search completed: March  9, 2002, 00:48:37
Job time: 11118 sec
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